

Oregon Wildfire Air Quality Summary Report

Rick Graw, US Forest Service

Wednesday, August 22, 2013

Air Quality Summary: Yesterday, air quality deteriorated in The Dalles and Dufor due to smoke from the Government Flats Complex in north central Oregon. Smoke remained in the “good” to “moderate” levels in southwestern Oregon, except for Shady Cove, where air quality reached the “unhealthy” category. Additionally, air quality deteriorated in Silverton to “moderate” conditions.

As new fires are occurring in other parts of Oregon and around the Western US, air quality support is also needed elsewhere. As the Douglas Complex is not producing much smoke, and the cooler, wetter weather in southwestern Oregon is expected to suppress fire activity, the temporary monitor in Merlin was removed last night, and the temporary monitor in Glendale was removed this morning. The temporary monitors in Chiloquin and in Ashland will remain through at least the Labor Day weekend. The daily reports for air quality in southwestern Oregon will also decrease in frequency to allow emphasis on statewide conditions. Air quality forecasts will still be posted on the Oregon Smoke Blog each afternoon. For more information visit www.oregonsmoke.blogspot.com

Values from Wednesday, August 21, 2013

Site	24-hour PM2.5 (µg/m ³)	1-hour Max PM2.5	Level of Health Concern	Meaning	Actions to Protect Yourself
Chiloquin Glendale Ashland Roseburg	7 9 9 10	16 18 23 13	Good	Air quality is satisfactory and poses little or no health risk	None
Provolt Klamath Falls Cave Junction Grants Pass Silverton Medford Crater Lake	12 13 14 15 19 20 22	23 20 30 35 33 51 61	Moderate	Air quality is acceptable for most. There may be a moderate health concern for a small number of people.	Unusually sensitive people should consider reducing prolonged or heavy outdoor exertion.
None	-	-	Unhealthy for Sensitive Groups	Members of sensitive groups may experience health effects. The general public is not likely to be affected.	People with heart or lung disease, children and adults should reduce prolonged or heavy outdoor exertion. Everyone one else, should limit prolonged or heavy exertion
Shady Cove The Dalles	60 101	210 288	Unhealthy	Everyone may begin to experience more serious health effects.	The following groups should avoid all physical outdoor activity: People with heart or lung disease, children and older adults. Everyone else should avoid prolonged or heavy exertion.